



Certificate of Analysis

Product Name: Chondroitin sulfate

 Cat. No.:
 CS-6354

 CAS No.:
 9007-28-7

 Batch No.:
 24078

Chemical Name: Chondroitin, hydrogen sulfate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $(C_{14}H_{21}NO_{14}S)n$ Storage: Storage temp. 2-8°C

Chemical Structure:

 $R_1 = H$ or $R_2 = H$ $R_2 = SO_3H$ $R_1 = SO_3H$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥95.0%
Clarity and color: 0.135
Protein content: 4.28%

Specific rotation: -24.6° pH: 6.73

Residue on ignition: 23.8% Loss on drying: 9.6%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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